

Criteria A: Investigate

In Criteria A my ability to write a design brief is looked at. I could potentially receive a grade between 1 & 6. If I achieve grades 1-2 I will have stated the problem I will solve, investigated the problem and collected minimal information and listed few specifications. To achieve a higher grade between 3-4 I will have described the problem I will solve and mentioned its relevance, investigated the problem, selected and analyzed information from some noted sources and described a test to evaluate the specifications. In achieving the highest grade, 5-6, I should have explained the problem I plan to solve and discussed its relevance thoroughly, investigated the problem in depth, evaluating information from several noted sources and devised a detailed method for evaluating my design against the specifications.

Criteria B: Design

In Criteria B my ability to come up with ideas that solve the problem stated in the design brief are tested. Like Criteria A, I can achieve a grade between 1 & 6. By achieving grades 1-2, I have come up with 1 design and tried to explain why and how my solution meets the specification. To achieve grades 3-4, I will have come up with a few designs and chosen one design and explained why and how that meets the specification. If I want to achieve the best grades, 5-6, I will have come up with a multitude of designs, explained why and how these solutions meet the specifications in detail and chosen one design and explained why and how that solution meets the specification, this should include examining the strengths and weaknesses of my design.

Criteria C: Plan

In Criteria C my ability to plan ahead is tested. Like Criteria A & B, Criteria C has 6 possible grades that can be achieved. In achieving grades 1-2, I will have a plan that includes some of the steps and or resources that I will need to make building my product a possibility. To achieve grades 3-4, I will have a plan that contains a number of logical planning steps that include the use of resources and the time I will need to create my product. If I wish to achieve the highest grade of 5-6, I will have a plan that contains multiple detailed, logical planning steps that include the use of resources and the time that will be needed.

Criteria D: Create

To get the levels in the criteria, create. In the category 1-2 you will have to have used minimum use of plan and have created the minimum part of my solution. To get a 3-4 you will need to have used average and appropriate techniques and equipment, you have followed my plan and mentioned any changes you made to it. You have a average final product. To get a 5-6 you will need to have competently used excellent techniques and equipment, you have followed my plan well and justified any changes made to it. You have done the best final product that time, skills and resources allow you to have.

Criteria E: Evaluation

To get the levels in the criteria, Evaluation. In the category 1-2 you have evaluated either the product or my own performance, you have minimally tried to test the product. To get a 3-4 you will need to have evaluated either the product or on my own performance and suggested average improvements, you have tested my product minimally against the design specification. To get a 5-6 you will need to have evaluated the product based on the result of testing and the views of intended users well. You have evaluated my own performance at each stage of the design well and suggested good improvements, you have said what impact you think the design will have on life, society and the environment will lots of detail.

Criteria F: Attitudes in Technology

To get the levels in the criteria, Evaluation. In the category 1-2 you have sometimes shown personal engagement or a minimal attitude and respect for the safety regulations and my peers with an ok attitude. To get a 3-4 you will need to often show personal engagement or a positive attitude and respects for safety regulations and my peers. To get a 5-6 you almost always show a good level of personal engagement or a good and positive attitude and respect for safety regulations and my peers.